

The Chronicle

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Purdue University Calumet

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Scientists discuss 'greenhouse effect'

by Monica Sajin

Nov. 6 through 12 has been declared "Week of Education on Global Warming," by the Union of Concerned Scientists.

Global warming, the trapping of certain gases in the earth's atmosphere, results in the "green-house" effect.

"Heat in the form of sunlight is getting to earth in the form of ultraviolet radiation and this warms up the earth," said Walter G. Breiteringer, Futures Department manager of A.G. Edwards and Sons, Inc. and a lecturer on the conditions of global warming.

"Once warmed," said Breiteringer, "some heat radiated back in longer infrared waves is being trapped by gases. This end result is the 'green-house' effect."

The most notable of the "green-house" gases causing global warming is carbon dioxide or CO₂.

The worst gases are chlorofluorocarbons or CFCs. These are found in freon, styrofoam, and aerosol sprays.

Other gases contributing to the "green-house" problem are methane, found in natural gas pipelines and sewage; nitrous oxide, a factor in deforestation; and ground-level ozone.

Though many scientists look at global warming as a non-urgent issue, they all agree that the earth is getting warmer.

The levels of CO₂ in the atmosphere has increased since 1950.

According to Breiteringer, "Because of global warming, the likelihood of hotter weather will increase, causing droughts, and thus, national and international problems."

Dr. Jane R. Shoup, professor of Biology at Purdue University Calumet, believes there is a cause and effect relationship with global warming involving population. "As the population grows, the problem gets worse," said Shoup.

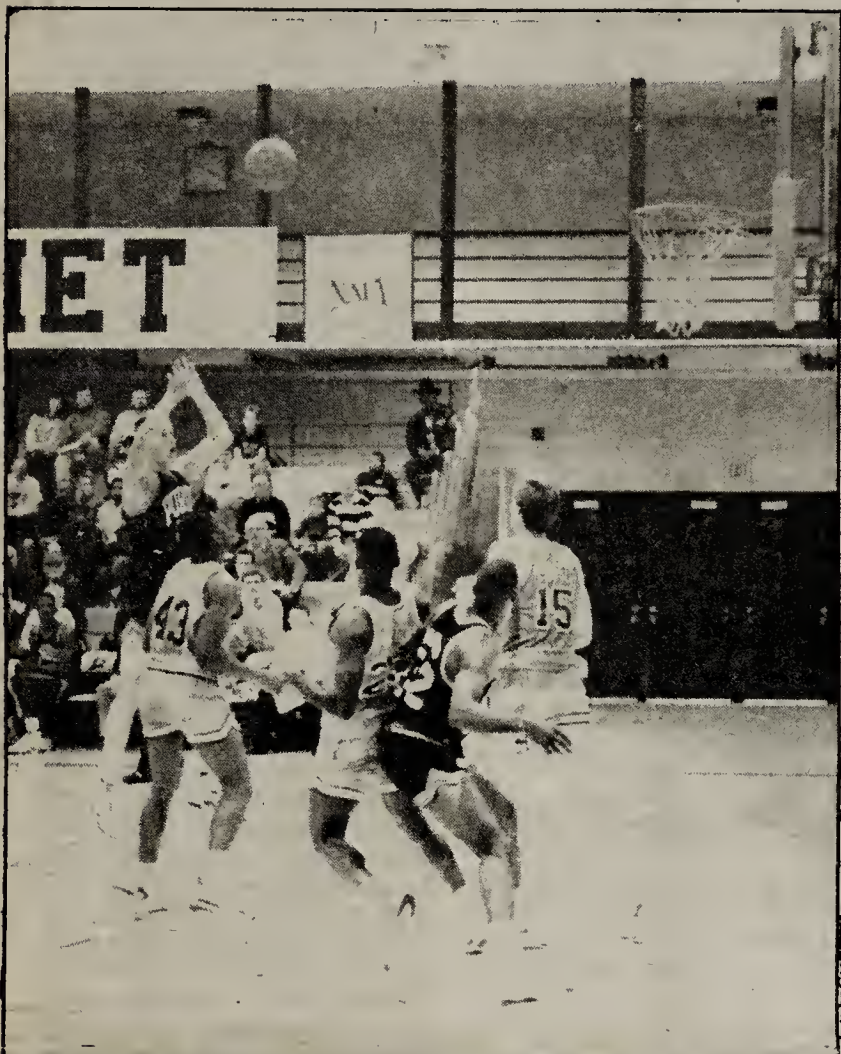
"The more people there are, the more fossil fuel energy there is being used. The more deforestation occurs and the more waste there is," said Shoup.

According to Breiteringer, global warming can be remedied on a personal, corporate, national and international level.

On a personal level, the focus is on change of lifestyle. Recycling and fuel efficiency are the major components. Walking, bike riding, and carpooling plays a role that Breiteringer believes helps curb global warming and is physically beneficial.

Corporations can lessen the problem of global warming by recycling, reducing waste, and becoming fuel efficient.

see warming pg. 3



Purdue vs. Purdue? Big Ten basketball came to Purdue Calumet for the Black and Gold scrimmage last Friday in the K-Building. Purdue was victorious.

Nearly \$300,000 spent by student organizations

by Rena Head

The total funds allocated from the student service fee for the intramural, recreational, and intercollegiate and student activities budget is \$292,560.

"The student service fee allocation committee determines how much money each organization receives depending on

students. In the fall 11 graduate students applied to pay the fee," said Purdue University Calumet Business Manager, Edward L. Andrews.

Organizations that are recognized as honorary, are eligible for a "one time" startup budget of \$75. During the initial period of organizational development, the

intercollegiate budget received \$173,702.

The total amount of money the committee and chancellor have to work with depends upon the number of credit hours students are enrolled and if there is any money left in the reserve fund.

"The budget is funded by hours not

bodies. That is after the fact because the budget is made in April and enrollment is not determined until the first week in September. Some years there is a lot of money set aside. It is based on the student activity and interest," said Liddle.

NOW expects thousands to gather at Capitol, Nov 12

Threats to the right to safe and legal abortion and birth control have jolted campuses across the nation, according to student organizers at the National Organization for Women. Thousand of students are expected to invade the Capitol on Nov. 12 for NOW's mass mobilization at the Lincoln Memorial to protect abortion rights.

"Student response to the call to 'Mobilize for Women's Lives' has been electric, there is an incredible groundswell of support," stated Kerstin Russell, sophomore, Harvard University. "We grew up with our rights protected by the U.S. Constitution and it is so frightening that our concept of democracy is being threatened."

Male students are also angered by attacks over the issue. Ted Blaszk, senior at American University, said, "Men must be involved because justice is universal, this very personal issue affects men almost as much as women because it will be our mothers, sisters, wives and lovers who will die and have died from illegal abortions."

NOW campus organizers cite the results of a preliminary poll of 200 campuses as evidence that many campuses are mobilizing.

NOW Mobilization Director Sheri O'Dell added, "I haven't seen this much student activism since the anti-war movement. I think young people are taking this very personally as an attack on their individual liberties."

O'Dell said that over one third of the participants in the April 9 "March for Women's Equality and 'Women's Lives'" in Washington, D.C. were students, from over 450 colleges and universities. Since the Supreme Court's Webster decision in July, she said, student outrage has exploded.

"Our phones have been ringing off the hook, with students all over the country asking 'What can I do?'" Organizers of a recent Mobilization meeting at the University of Vermont were stunned when over 450 students attended."

"During the Vietnam war, many students didn't get involved until people they knew were dying," said O'Dell. "Students today aren't waiting to see their friends die from botched abortions."

"They recognize that the anti-abortion movement is a direct threat to their futures and lives, and they're taking action now."

Organizational Account	Student Service Fee
Student Gov't Assoc.	\$3,925
Theater Company	\$14,600
The Chronicle	\$11,900
Calumet Music Organization	\$6,640
Student Conferences (SPB)	\$1,000
Student Programming Board	\$30,550
Student Publications	\$3,000
Student Homecoming	\$2,850
Student Awards Banquet	\$2,225
Student Promotions	\$800
Student Activities/Programming	\$2,150
Student Activities/Operations	\$23,400
Skylark	\$3,600
Student Service Fee Card	\$5,175
Dean's Contingency	\$7,043
Total 1989-90-Student Organizations	\$118,858
Total Intramural, Recreation And Intercollegiate Budget	\$173,702
Total Student Service Fee Allocations	\$292,650

the need they plan to establish, the amount of responsibilities, and their purpose," said Director of Student Activities, Larry Liddle.

The student service fee of \$2.25 per credit hour is split between active organizations, intramural, recreational, and intercollegiate sports by the Student Service Fee Allocation Committee. All full-time and part-time students must pay the fee to participate in organizations and use the recreational facilities.

"Since the fall of 1985 the rate of \$2.25 per hour has applied. The maximum assessment increased from \$28 to \$31 in 1987.

"The fee is optional to graduate stu-

dents. In the fall 11 graduate students applied to pay the fee," said Purdue University Calumet Business Manager, Edward L. Andrews.

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Editorial

Organizations should receive better funding

A good majority of the students that attend Purdue University Calumet are here because of economic factors. The vast majority of PUC students are employed, many just so they can attend school. The problem of apathy towards student activities only multiplies with the lack of incentive and bureaucratic red tape that exists within the system.

Currently there are 38 recognized student organization on campus. Of those, only five receive reoccurring funds from

the university. The other 33 "honorary" organizations receive a one time start up allocation of \$75. To make the situation worse, the use of that money is limited to expense items. The situation is beyond understanding when the Student Service Fee reserve fund holds \$267,135.

The obstacles that exist cause a good majority of the organizations to vanish into the twilight. Instead of organizations being able to pursue their goals, they are forced to spend their time raising operating funds.

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David Turpin, Editorial Page Editor

This not only causes the primary goals to be set aside, but also creates disillusionment when the monetary needs outweigh the objectives of the organization. It then becomes a problem of not only recruiting people into the organization, but thinking of new ways to keep members involved.

Based on the number of students PUC is the second largest school in the Purdue system, and the ninth ranked university in the state. While these numbers are used to add prestige to the school, the organizations that play impor-

tant roles in the education and retention processes are forgotten in the PUC shuffle.

The solution to this situation must start with the amount of money allocated to the "honorary" organizations. Organizations need to be able to spend money on organizational objectives, not just expense items. More importantly, more money must be given, or \$75 should be allocated each semester. Changes need to be made before the situation only gets worse.

Bakker played on emotions of followers

by Bernie Wong

Just a few days ago, the United States Federal Court sentenced Rev. Jim Bakker, of the Praise The Lord Ministry to 40 years in prison and a fine of \$500,000 for his conviction of \$3.7 million fraud and conspiracy charges. The sentence was very harsh. Yet two years ago, the U.S. District Court in New York sentenced convicted financier Allen Boesky, for his \$100 million insider-trade scheme to only a three year jail term.

So what was it that justified a harsher sentence in the Bakker case than in the Boesky case?

Despite the many differences between the two cases, some similarities can be drawn. Both men were very successful in their areas of business. Both lived a jet-set life style. Both engaged in criminal behaviors causing injuries to thousands of people. Both were convicted of multi-million dollar fraud schemes which stirred jitters in their own industries and sensation in the national media.

Yet what made these two cases so different was the vulnerability of their victims.

As the leader of PTL, Bakker asked for and received unquestioned trust from his believers. That trust was violated by the money and sex scandal in his ministry. He lived lavishly on the money donated by millions of his believers, many of whom were poor widows living on Social Security, who were seeking salvation. His act of adultery with his former secretary Jessica Hahn, and his subsequent cover-up with lies and hush money made him and his ministry a laughing stock of the country.

Although Bakker was only convicted for fraudulently selling memberships to



his followers as partners in his Heritage U.S.A. theme park, there were other victims from his mis-deeds. In his appeals for funds, Bakker played on the emotions of his followers by showing pictures of the starving children in Third World countries.

By misusing his ministry's funds, he

humiliated and betrayed his generous contributors and the starving children. To the end, Bakker showed no remorse for his fraud as he pleaded to Judge Potter, "...I have sinned and I have made mistakes. But never in my life did I ever intend to defraud anyone."

On the other hand, financier Boesky received recognition for his success as a financial speculator on Wall Street. His insider-trading scheme caused injuries to thousands of big investors, including his peers, although, one might argue that it hurt millions of indirect investors. Boesky used no false pretense to make quick money, and after his indictment, cooperated fully with the prosecutor to investigate other insider-trading schemes on Wall Street. The benefits derived from his cooperation in the insider-trading investigation partially offset the harm his fraud did to society.

It was clear that Boesky was no angel, but in comparison he was less evil than Bakker. He was like a shark swimming in a pool of sharks while Bakker was like a wolf, dressed as a sheep dog, preying on a herd of sheep.

Our society expects higher ethical standards from a religious leader than from a Wall Street speculator. The sex scandal that triggered the downfall of Bakker probably would not have received any public notice if it had happened to Boesky. When Bakker, as a religious leader whose main purpose is to teach moral values, lapsed on his own morals and committed crimes, it is understandable that it created public outcries against his double standard.

The Bakker case from the start to the end was about greed, deceit, domination, betrayal, exploitation, corruption and misrepresentation. Bakker and his co-conspirators did an enormous disservice to other honest ministries. As Judge Potter complained, "Those of us who do have a religion are sick of being saps for money-grubbing preachers..." The court was justified in its sentencing of Bakker.

Reader's View

System and software changes did not require new building

The new computer room opened in October, amid high expectations. The university made sure that the architecture was the most fantastic and ornamented that it could have contrived, added the benefit of a walkway between Gyle Annex and the Computer Education Building with doors to assure that every wintery blast gets through, and announced the opening date several months in advance. Unfortunately, the care and expense lavished on the bricks did not seep through to the computers; the new Computer Education Building is a disappointment.

The computer systems have not improved

much. Granted, new '386 chips and disk drives were installed in the IBM PC's last summer and VAX/VMS was upgraded, but neither of these changes required a new building. The systems run the same old software. Students needing experience or industries seeking training in Harvard Graphics, UNIX, WordPerfect, or anything on non-IBM PC's will not get it at Purdue Calumet. In the \$4 million budget, no room was found for enough Epson printers for the PC's. Perhaps the money went for the walkway's doors.

The large and spacious computer room offers refinements of its own. One consult-

ant is perpetually trapped in the control desk, with his own PC to sign in students, a printer, and video monitors to make sure that nobody is being mischievous; though the monitors are not large enough to see what is on the screen, what is being moved, is not important. The aesthetic wonder of seeing over 100 students neatly arranged in rows at numbered terminals help students feel like they are part of the computer age: numbered, labelled, watched and filed!

The computer room is a disappointment. To be fair, however, its advantages should be mentioned. If the lab fills, students don't have to walk across campus to the

other computer lab-- they can stay in the convenient lounge area and spend money in the automat, keeping students warm and turning a nice profit for Service America and the university.

Virus installation is easier than ever with the new boot-up disks that let the user change read and write protection with the flick of a switch. Best of all, with the number of consultants in the lab reduced to three, at prevailing consultant wages (obtained through thorough investigation at McDonald's, and subtractions), the computer room will pay for itself in early July 2013!

Warren J. Eckels

Students 'plan for future' at leadership conference

by Rita Peppas
contributor

Ten Upward Bound high school students will attend the Fourth Annual Student Leadership Conference in Lake Geneva, Wis. Nov. 11 and 12.

Upward Bound Director Dr. Mistri and Assistant Director Jose Valtierra will accompany the group to the conference hosted by the Mid-America Association of Educational Opportunity Program Personnel.

The conference is an attempt by the

association to foster leadership and interpersonal skills. Over 400 students will attend from Wisconsin, Ohio, Michigan, Iowa, Illinois and Indiana.

Students will attend seminars and workshops during most of the conference. Valtierra will lead a workshop, "I Lead, You Follow. Together We'll Build A..." which will explore leadership style by group activity.

Other seminars and workshops will in-

clude "How to Take Charge and Control," "Planning for the Future," "Leadership for Tomorrow" and "Communicate to Relate."

Registration and accommodations will be paid by a grant called the President's Affirmative Action Award. Purdue University President Steven Beering presented the \$10,000 grant to the Upward Bound program in 1988 for "outstanding affirmative action contributions on behalf of mi-

nority Americans."

The Trio Program personnel, of Student Support Services, Educational Talent Search and Upward Bound from Purdue University Calumet, will attend a Professional Conference Nov. 12 to 15.

Upward Bound is celebrating its Silver anniversary at Purdue serving the Calumet area since 1966. This is the second year Upward Bound has participated in the conference.

Review

'Carnival of Souls' ghouls will give you a laugh

by Deb Gard

"Carnival of Souls" was made in 1962 and is being redistributed in an effort for today's movie-goers to see what the early horror films were like without Panavision. This film demonstrates how low budgets, talent, imagination and ingenuity can create a contemporary horror film.

This movie was filmed entirely in black and white, and the cast of ghouls truly earn their reputation. The story begins with the request from a car driver, "Let's race." The race is between two cars; three girls in one and two guys in the other. The cars speed down dirt roads until they reach a wooden bridge. On the bridge the guys decide to "nudge" the girls to the side of the bridge for a cheap thrill. The girls' inexperience at the wheel shows when on the second tap, they break through the side rails and fall into the murky Kaw River. The car becomes completely engulfed in the murky water.

The police and towns' folk come to the bridge to see if they can aid the unfortunate girls. The police ask the guys if they are

sure, "they didn't force the girls off the bridge." The driver states that the car just "fell into the river on its own." The police do not question them further, they merely accept what has taken place. Was it so simple back in the '60's to pull a deadly prank and get away with it? This movie seems to think so.

The waters are searched for three hours and then Mary Henry is seen walking on a muddy ledge on shore. The towns' folk

ask how she managed to survive and Mary's only comment is that she doesn't know.

The rest of the movie deals with the fact that Mary Henry is pursued by a ghoulish man and cannot understand why at times she cannot be seen, nor heard, nor can she hear the rest of the world. Throughout the movie Mary tries to understand her co-existence with the netherworld.

She is not ready for it, but cannot explain why it wants her.

This movie, produced by Herk Harvey, the main ghoul of the movie, was the pre-empt to the movie "Night of the Living Dead," and other films and television series such as "Twilight Zone," and "One Step Beyond" that used low budgets and ghoulish plots.

If you enjoy the efforts of the early horror film makers, view this ghost tale. It will give you a laugh but no nightmares.

Warming from pg. 1

On a national level, "Ordinances and laws to stimulate behavior must be incorporated," said Breitingner.

"Internationally," Breitingner said, "the focus on combating global warming must be to view it as not only a short term problem but a long term as well." This would include economic aid to countries who do not add to global warming, including the burning of rain forests.

"In other words," Breitingner said, "on

all four levels, we must slow everything down."

As for nuclear power in helping remedy the CO2 problem in global warming he feels the verdict is not in yet. "We should not exclude nuclear energy, but we should not depend on nuclear energy as the answer."

"Smaller, safer plants, solar power, wind power and conservation can all contribute to ease the problem of global warming," said Breitingner. "Let's use what we

have more efficiently; we can learn from other countries."

Breitingner said, "We will be forced to respond to political problems, if not global warming, in the forms of cancer, less food, running out of clean air and running out of clean water."

Anyone interested in promoting the education of global warming or wishing to find out about events taking place this week concerning global warming can call Gillian Dobbs at 617-547-5552.

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'We should've beat DePauw'

by Dave Fanno

"We played terrible; everybody," Coach Stacey Zurek said, as she described the play of the Lady Lakers in last Friday's action of the NAIA District-21 playoffs. The Lady Lakers lost two matches in the first round ending their seven game winning streak and their season finishing 21-19.

Indiana University-Purdue University at Indianapolis overpowered Purdue University Calumet in the first match, 6-15 and 3-15, forcing the Lady Lakers into the 9 p.m. match against the DePauw Tigers. "The first three volleys against IUPUI were the best all night," said Zurek.

Kim [Ailes] had a good second game against IUPUI, but the passing and receiving game was terrible. We were rarely in our offense," Zurek said.

Problems continued to plague the Lady Lakers against DePauw. "We seemed flat before the match. Our skills were a little off and we couldn't block out mistakes," Zurek said, as the Tigers took game one, 12-15.

Coach Stacey Zurek

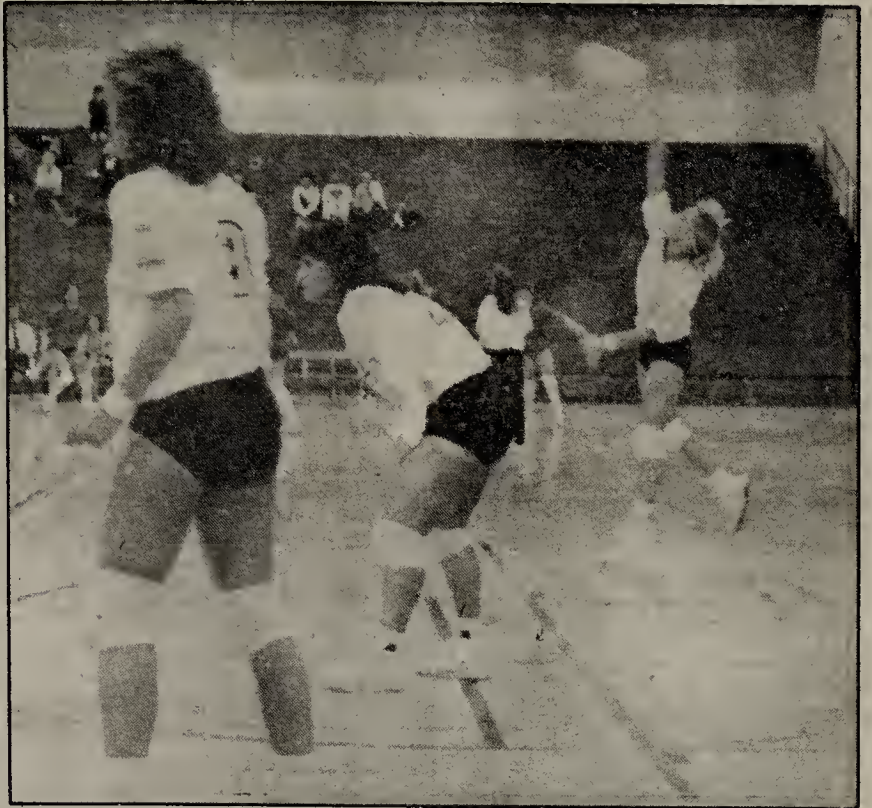
In game two, in a do-or-die situation, Purdue Calumet took a 2-0 lead, but were unable to maintain the lead. "It all gets back to the level of intensity," said Zurek.

Down 3-6, Paula Pramuk scored two points, and after co-captain Melanie Bales dropped a shot over the net for a side-out Ailes tied the game at six. The ball went back to DePauw, but co-captain, Tammy Huzzie's defense put the ball back into PUC's hands.

Bales served two points giving the Lady Lakers their last lead. Diane Hanus added one more point for a 9-7 lead, but when DePauw rolled-up six unanswered points, the momentum that carried Purdue Calumet into the playoffs disappeared.

Not knowing how we got the momentum is why we lost it [momentum], Zurek said. We needed a spark plug and never had one, she said.

"When you have a struggling night you can't recover. Everything that could go wrong did," said Zurek. PUC lost game two 9-15.



Dianne Hanus and Doreen Bednar get set as Paula Pramuk serves. PUC ended their season last Friday losing to DePauw in the final game of the first round.

Experience and talent key to 1989-90 women's basketball team

Experienced inside players and talented newcomers in the backcourt may be the key to success for Purdue University Calumet's women's basketball team.

Six-foot-one senior forward-center Tammy Huzzie, 5-10 junior forward-center Kim Ailes and 5-10 junior forward Gina Flaharty return from last year's Lady Lakers squad that finished 16-13.

Ailes led the team last season in rebounding with 10.1 per game, including a school single game record 22. Huzzie was second in scoring and rebounding, averaging 11.7 points and 7.9 boards, respectively, on her way to being named second team All-

Chicagoland Collegiate Athletic Conference. Flaharty contributed 8.3 points and 6.4 rebounds a game in 1988-89.

"Down low we're fine with Tammy, Kim and Gina," fifth-year Lady Lakers head coach Stacey Zurek said. "After them we lack some depth with our big people."

Five-foot-five sophomore Kisha Ward, a transfer from Wabash Valley, Ill. Junior College, has been impressive running point guard position, Zurek said.

"This is the first time since I've been here that we've had a true point guard."

Five-foot-four freshman Barb Pictor will see action at both point and off guard,

while 5-5 freshman Jeannine Kulig will probably play the off guard spot, said Zurek.

Another freshman, 5-8 Jeannie Robinson, is expected to play guard and forward.

La Rondah Jones, a 5-10 sophomore, is a post player whose skills have shown steady improvement since coming to Purdue Calumet, said Zurek.

"We have some good freshmen," Zurek said. "I'm concerned because we only have eight players, and of those only three

have experience playing together."

Purdue Calumet opens the season Nov. 17 at the University of Wisconsin-Whitewater.

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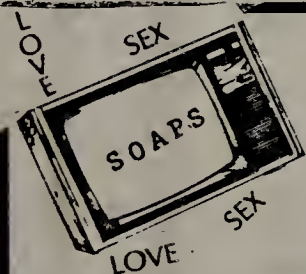
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